

Work Order ID 154478

Wednesday, December 14, 2016 9:15:26 AM

154478

Page 1

Item ID: D350-689-021

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Stop

NS2

Start Date: 1/9/2017 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 1/19/2017 **Req'd Qty:** 1.00

*** 1 ***

Customer:

Reference:

Approvals: **Process Plan:**

Date: 16/12/14

Tooling:

Date:

Run Start

NR1

QC: _____

Date:

SPC (Y/N):**Date:**

Stop

NR2

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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154478

Page 2

Item ID: D350-689-021

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Stop ***NS2***Start Date: 1/9/2017 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 1/19/2017 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-689-021 Location: _____ PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

DAS
27
9-89
JAN 12 2017DAS
21
9-89
JAN 13 2017DAS
21
9-89

JAN 13 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Checklist Print

Wednesday, December 14, 2016 9:15:32 AM

Page 1

Work Order ID: 154478

154478

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 1/9/2017

Required Date: 1/19/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-12-23 new issue DD verified by: LL 08.12.24 IPP
Rev:B chg002 DD 10.02.12 verified by:JLM IPP Rev:C
chg004 DD 11.09.28 verified by:JLM IPP Rev:D 12.01.12
now @ CHG005 (ecn12-501) DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D350-689-023

Manufactured

No

110

Each

2.0000

1

1

D350-689-023

Floor Provisions Energy Attenuating Seat Compatible

DAS
27
9-89

Location

Loc Qty

Loc Code

FG027

2

152862

2

DAS
6
9-89

JAN 11 2017

DAS
28
9-89

D350-689-043

Manufactured

No

110

Each

0.0000

1

1

D350-689-043

Dual High Back Seat Assembly- Energy Attenuating Seat Compatible

DAS
27
9-89

Location

Loc Qty

Loc Code

ST415

3

151296

3

154481

DAS
28
9-89

D3018-1

Manufactured

No

110

Each

3.0000

1

1

D3018-1

Seat Cushion

DAS
6
9-89

JAN 12 2017

JAN 11 2017

DAS
6
9-89

DAS
28
9-89

D3019-1

Manufactured

No

110

Each

4.0000

1

1

D3019-1

Back Cushion

DAS
6
9-89

JAN 11 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST415

4

151297

2

152605

2

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

**Work Order ID 154478**

Wednesday, January 04, 2017 11:19:50 AM

154478

Page 1

Item ID: D350-689-021

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 1/9/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/19/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D350-689	C								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D350-689-021 CHG006								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.01							
Quality Control									

DAS
21
9-88

JAN 04 2017

5.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X						D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X					D350-689-013	FLOOR PROVISIONS KIT
		X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
		1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1				X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
		1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
1		1				D3018-1	SEAT CUSHION
1		1				D3019-1	BACK CUSHION
	1					D3025-1	BEAM
	1					D3027-1	CLIP
	1					D3027-3	CLIP
	1					D3027-5	CLIP
	4		4			D3027-7	CLIP
				4		D3028-1	STUD
				2		D3029-1	SPRING
				2		D3030-1	LOCK
	1					D3032-1	SPACER
	2					D3033-1	SEAT TRACK
	1					D3234-1	DOUBLER
	2					D3234-5	SPACER
					2	D3808-041	SEAT RAIL ASSEMBLY
					4	D3809-1	SLIDING BLOCK
			1			D3811-041	SEAT TRACK ASSEMBLY
	1		1			D4575-1	BEAM
	1		1			D4575-3	DOUBLER
				1	1	D5162-041	SEAT STRUCTURE ASSEMBLY
			9			MS21042L3	NUT (OR MS21042-3)
	12					MS21059L3	NUTPLATE
	2					MS24693-S273	SCREW
			9			MS24694-S50	SCREW
	6					MS27039-1-10	SCREW
	6					NAS1149D0332J	WASHER (OR AN960JD10L)
			9			NAS1149D0363J	WASHER (OR AN960JD10)